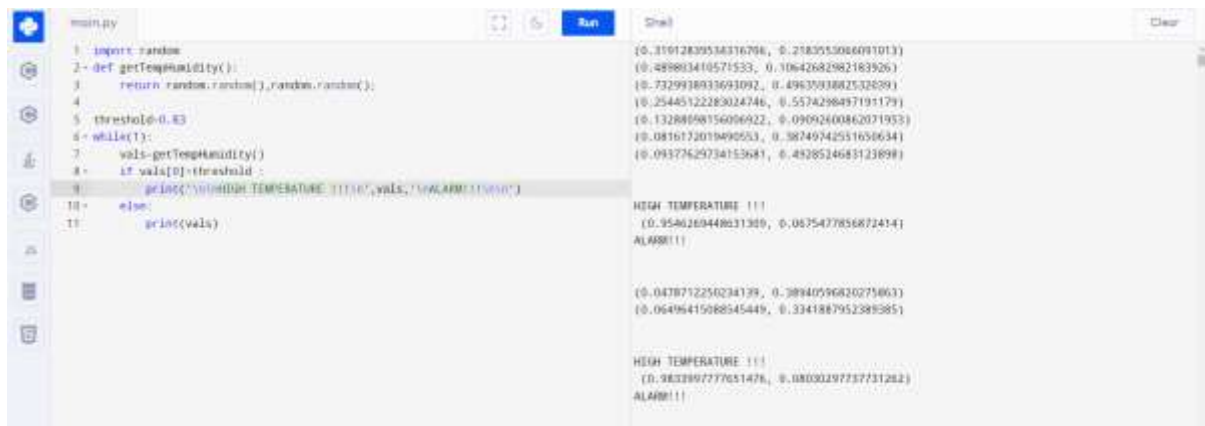


ASSIGNMENT – 2

SCREENSHOT:



The screenshot shows a Python IDE with a file named `main.py`. The code in the editor is as follows:

```
1 import random
2 def getTempHumidity():
3     return random.random(), random.random()
4
5 threshold=0.83
6 while(1):
7     vals=getTempHumidity()
8     if vals[0]>threshold :
9         print('\n\nHIGH TEMPERATURE !!!\n',vals,'\n\nALARM!!!\n\n')
10    else:
11        print(vals)
```

The Shell window on the right displays the output of the program. It shows several lines of random float values. The first two lines are pairs of values. The third line is a pair of values followed by the message `HIGH TEMPERATURE !!!` and `ALARM!!!`. The fourth line is a pair of values. The fifth line is a pair of values followed by the message `HIGH TEMPERATURE !!!` and `ALARM!!!`.

CODE:

```
import random

def getTempHumidity():
    return random.random(), random.random()

threshold=0.83
while(1):
    vals=getTempHumidity()
    if vals[0]>threshold :
        print('\n\nHIGH TEMPERATURE !!!\n',vals,'\n\nALARM!!!\n\n')
    else:
        print(vals)
```